

Sorrento Creek Dredging Project

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Background



- Long history of flooding in the area
- City has conducted maintenance efforts
- Emergency efforts began December 2010
- Impacting bio-tech and other businesses
- Additional work needed in park/lagoon



Location



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Sorrento Creek

Approx. Area prone to
Flooding



History of Flooding

Roselle Street and Estuary Way:

- Flooded multiple times in recent storms



Restoring Channel Capacity



Multi-faceted Approach

1. City Crews have already cleaned over 2000 linear feet of channel.
2. 12,850 cubic yards of debris removed
3. Urban Corps now trimming vegetation
4. Hydraulic dredging proposed for main channel.
5. Estimated 2000 - 20,000 cubic yards to be removed from 1,800 linear feet of channel.



Hydraulic Dredging

- Barge with suction dredge
- Slurry piped to dewatering facility
- Sediment stockpiled & dewatered
- Material loaded & hauled to disposal site



Fiscal Considerations



Project Elements:

- Dredging
- Dewatering
- Hauling and Disposal
- Biological and Water Quality Monitoring

Contract cost estimated at \$3.7 million

➤ Funds from T&SW FY12 O&M budget



Requested Actions:



Adopt a Resolution to:

1. Approve the contract documents and technical specifications for the Sorrento Creek Hydraulic Dredging Project
2. Authorize the Mayor to execute this contract with the lowest responsible reliable bidder
3. Authorize the expenditure of funds for the contract from the Transportation & Storm Water Department's FY12 budget.





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QUESTIONS?

